

APPLICANT(S): SCHILLER, Richard
SERIAL NO.: 10/798,778
FILED: March 12, 2004
Page 2

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 7, 9, 10, 12, 13, 17 and 18 as indicated below.

Please cancel claims 2, 6, 8 and 11 without prejudice.

Please add new claims 19-21.

This listing of claims below will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method of displaying a video signal together with associated information comprising ~~transforming the video from a first scanning raster to a second scanning raster having a different aspect ratio from the first, the transformation providing compensation for the aspect ratio change, and the transformed video occupying only part of the second scanning raster; and using some or all of the unoccupied part of the second raster to display the associated information~~ the steps:

receiving at a first input a video signal having a first scanning raster and associated with a first aspect ratio;

receiving at a second input associated information to be displayed with the video signal;

transforming the video signal to a second scanning raster having a different aspect ratio from the first aspect ratio, the transformation resulting in the video signal retaining the first aspect ratio within the second scanning raster and occupying only part of the second scanning raster;

displaying the transformed video signal; and
displaying associated information in some or all of the unoccupied part of the second scanning raster.

2. (Canceled)

3. (Original) A method according to claim 1 where the first raster has a 16:9 aspect ratio and the second raster has a 4:3 aspect ratio.

APPLICANT(S): SCHILLER, Richard
SERIAL NO.: 10/798,778
FILED: March 12, 2004
Page 3

4. (Original) A method according to claim 1 where the first raster has a 4:3 aspect ratio and the second raster has a 16:9 aspect ratio.

5. (Original) A method according to claim 1 in which the first raster is a high-definition raster and the second raster is a standard definition raster.

6. (Canceled)

7. (Currently Amended) Apparatus according to ~~claim 6~~ claim 9 comprising a control input for changing the ~~displayed information~~ associated data.

8. (Canceled)

9. (Currently Amended) Apparatus for displaying a video signal with associated information, comprising
a first input for receiving a video signal,
a second input for receiving ~~a~~ an associated data signal,
means for converting the video signal from a first scanning raster and a first aspect ratio to a second scanning raster having ~~an~~ a second aspect ratio different from the first scanning raster such that the video occupies a first part of the second raster signal retains the first aspect ratio within the second scanning raster and the video signal occupies a first part of the second scanning raster, and
means for displaying the video signal in a first part of the second scanning raster and for displaying the associated data in a second part of the second raster unoccupied by the video signal.

10. (Currently Amended) A method of monitoring a video signal, said method comprising:
receiving a video signal having a first scanning raster and a first aspect ratio;

APPLICANT(S): SCHILLER, Richard
SERIAL NO.: 10/798,778
FILED: March 12, 2004
Page 4

converting said video signal from the first scanning raster and a first aspect ratio to a second scanning raster having a different aspect ratio to the first, the transformation providing compensation for the aspect ratio change, and wherein the transformed video occupies only part of the second raster a second aspect ratio different from the first scanning raster such that the video signal retains the first aspect ratio within the second scanning raster and the video signal occupies a first part of the second scanning raster;

associating a monitoring signal with said video signal; and

displaying said monitoring signal on some or all of the unoccupied part of the second raster the video signal in a first part of the second scanning raster and for displaying the associated data in a second part of the second raster unoccupied by the video signal.

11. (Canceled)

12. (Currently Amended) Apparatus according to claim 11, further comprising a control input for selecting display information to be displayed in all or part of the unoccupied raster.

13. (Currently Amended) A method of operating a video control room, the method comprising:

receiving a video signal and an associated signal carrying video control information;

converting said video signal from a first scanning raster and a first aspect ratio to a second scanning raster having a different aspect ratio to the first aspect ratio, the transformation providing compensation for the aspect ratio change, and wherein the transformed video occupies only part of the second raster resulting in the video signal retaining the first aspect ratio within the second scanning raster and occupying only part of the second scanning raster; and

simultaneously displaying on a single monitor in the control room the converted video signal and said control information on some or all of the unoccupied part of the second raster the video signal in a first part of the second scanning raster and the monitoring signal in a second part of the second raster unoccupied by the video signal.

APPLICANT(S): SCHILLER, Richard
SERIAL NO.: 10/798,778
FILED: March 12, 2004
Page 5

14. (Original) A method according to claim 13, wherein said video control information is generated at the control room.

15. (Original) A method according to claim 13, wherein said video control information represents control room parameters.

16. A method according to claim 13, wherein said video control information represents external parameters.

17. (Currently Amended) A method of monitoring a plurality of video signals from a corresponding plurality of different sources, the method comprising:

converting each said video signal from a first scanning raster and a first aspect ratio to a second scanning raster having a different aspect ratio to the first aspect ratio, the transformation providing compensation for the aspect ratio change, and wherein the transformed video occupies only part of the second raster resulting in the video signal retaining the first aspect ratio within the second scanning raster and occupying only part of the second scanning raster;

deriving, for each video signal, a monitoring signal indicative of the source of that video signal; and

displaying said plurality of video signals on an array of monitors, including displaying on the unoccupied raster of a monitor, the monitoring signal associated with the video signal being displayed on that monitor in a first part of the second scanning raster and the monitoring signals associates with the video signal in a second part of the second raster unoccupied by the video signal.

18. (Currently Amended) A video monitoring system comprising:

a plurality of video inputs;

means for associating a monitoring signal with an input video signal;

a scan converter for converting an input video signal from a first scanning raster and a first aspect ratio to a second scanning raster having a different aspect ratio to the first aspect ratio, the transformation providing compensation for the aspect ratio change, and wherein the

APPLICANT(S): SCHILLER, Richard
SERIAL NO.: 10/798,778
FILED: March 12, 2004
Page 6

~~transformed video occupies only part of the second raster resulting in the video signal~~
~~retaining the first aspect ratio within the second scanning raster and occupying only part of~~
~~the second scanning raster; and~~

an array of monitors;

the system being adapted to display in ~~the unoccupied raster of a monitor the~~
~~monitoring signal associated with the video signal being displayed on that monitor on a~~
~~respective monitor one of the video signals in a first part of the second scanning raster and~~
~~the associated monitoring signal in a second part of the second raster unoccupied by the video~~
~~signal.~~

19. (New) The apparatus according to claim 9 where the first raster has a 16:9 aspect ratio and the second raster has a 4:3 aspect ratio.

20. (New) The apparatus according to claim 9 where the first raster has a 4:3 aspect ratio and the second raster has a 16:9 aspect ratio.

21. (New) The apparatus according to claim 9 in which the first raster is a high definition raster and the second raster is a standard definition raster.